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(54) Title: E. COLI MEDIATED GENE SILENCING OF BETA-CATENIN

Improved tkRNA hairpin design
Bacterial pre-processing strategy

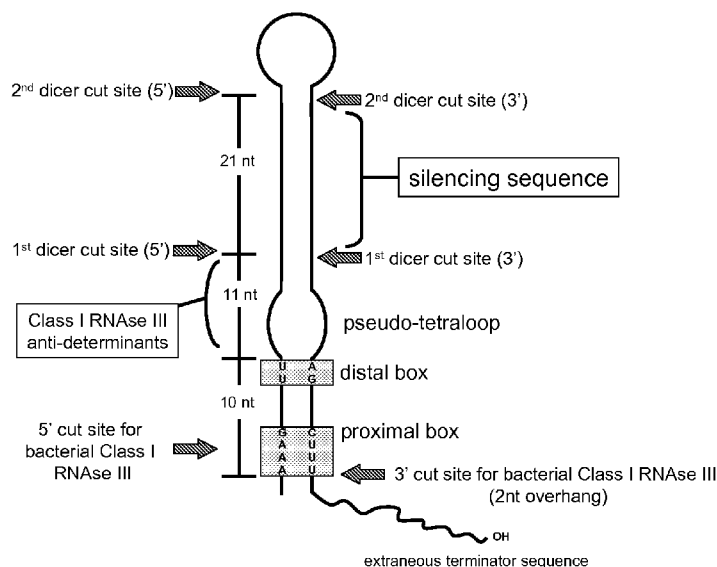


Figure 2

(57) Abstract: Methods are described for the delivery of one or more small interfering RNAs (siRNAs) to a eukaryotic cell using a bacterium or BTP. Methods are also described for using this bacterium to regulate gene expression in eukaryotic cells using RNA interference, and methods for treating viral diseases and disorders. The bacterium or BTP includes one or more siRNAs or one or more DNA molecules encoding one or more siRNAs. Vectors are also described for use with the bacteria of the invention for causing RNA interference in eukaryotic cells.



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